

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	39	"current generating circuit" and 345/60-83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 18:57
L3	0	"current generating circuit" and 345/60-83.ccls. and 345/96.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 18:58
L4	1	"current generating" and 345/60-83.ccls. and 345/96.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 18:58
L5	10	345/60-83.ccls. and 345/96.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 19:07
L6	2	"7138967".pn. and (current or sampl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 19:08
S1	27	345/76.ccls. and sampling.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 15:46
S2	66	345/76.ccls. and sampling.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 20:13
S3	44	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:01

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S4	1	("external current" with generating) and Idata	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:02
S5	52	345/76.ccls. and Idata	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:08
S6	74	345/76.ccls. and DAC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:12
S7	120	345/76.ccls. and (("D/A converter" or DAC) same current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:22
S8	0	345/76.ccls. and (("D/A converter" or DAC) same current) and "analog buffer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:22
S9	11	345/76-100.ccls. and (("D/A converter" or DAC) same current) and "analog buffer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:25
S10	14	(EL or "electro-luminescent" or "electroluminescent" or "electro luminescent") and (("D/A converter" or DAC) same current) and "analog buffer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:32
S11	295	(EL or "electro-luminescent" or "electroluminescent" or "electro luminescent") and (("D/A converter" or DAC) same current) and ("analog buffer" or buffer) and sampling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:33

## EAST Search History

S12	37	(EL or "electro-luminescent" or "electroluminescent" or "electro luminescent") and (("D/A converter" or DAC) same current) and ("analog buffer" or buffer) and "sampling circuit"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:34
S13	52	345/76.ccls. and idata	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 17:59
S14	11	("electroluminescent" or "electro luminescent" or "electro-luminescent") and (sample with current) and current.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:34
S15	458	"345"/\$.ccls. and (sample with current) and current.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 20:18
S16	68	"345"/\$.ccls. and "data driver" and (sample with current) and current.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 20:36
S17	35	"345"/\$.ccls. and "data driver" and (sample with current) and current.clm. and digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 20:42
S18	764	"345"/\$.ccls. and (digital with current with data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 20:42
S19	357	"345"/60-100.ccls. and (digital with current with data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 20:42

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S20	128	"345"/60-100.ccls. and (digital with current with data) and "data driver"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 20:59
S21	44	"345"/60-100.ccls. and (digital with current with data) and "data driver" and ((sample or sampling) with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:19
S22	17	alternately and (digital with current with data) and "data driver" and ((sample or sampling) with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:20
S23	2	alternately and (digital with current with data) and "data driver" and ("sampling circuit")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:21
S24	15	alternately and (digital with current with data) and data and driver and ("sampling circuit")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:24
S25	10	alternately and ("analog buffer") and data and driver and ("sampling circuit")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:33
S26	12	alternately and ("analog buffer") and data and driver and (sampling with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:33
S27	1	("electroluminescent" or "electro luminescent" or "electro-luminescent") and (sample with current) and "analog buffer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:35

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S28	2	("elctroluminescent" or "electro luminescent" or "electro-luminescent") and "analog buffer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:46
S29	202	("elctroluminescent" or "electro luminescent" or "electro-luminescent") and "digital data"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:35
S30	143	("elctroluminescent" or "electro luminescent" or "electro-luminescent") and "digital data" and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:36
S31	74	("elctroluminescent" or "electro luminescent" or "electro-luminescent") and "digital data" and current and (alternately or alternate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:36
S32	77	("elctroluminescent" or "electro luminescent" or "electro-luminescent") and "analog switch"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:51
S33	1011	345/60-100.ccls. and "analog switch"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:51
S34	545	345/60-100.ccls. and "analog switch" and polarity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:52
S35	356	345/94-100.ccls. and "analog switch" and polarity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 21:52

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S36	62	345/96.ccls. and "analog switch" and polarity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 11:06
S37	48	345/96.ccls. and "analog switch" and polarity and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 11:10
S38	5	345/96.ccls. and (sample with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 11:12
S39	11	345/96.ccls. and (sampling with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 11:16
S40	7	345/96.ccls. and 345/60-76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 11:18
S41	45	345/96.ccls. and ("electro luminescence" or electroluminescence or "electro luminescent" electroluminescent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 14:50
S42	5	345/96.ccls. and (current near3 sampl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 15:05
S43	10	345/96.ccls. and "D/A converter circuits"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:41

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S44	8	345/96.ccls. and "DAC" and current. clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 15:34
S45	2	"6,100,762".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 15:32
S46	8	345/96.ccls. and "DAC" and current. clm. and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:24
S47	2	345/96.ccls. and ("polarity D/A converter" same current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:26
S48	2	"345"/\$.ccls. and ("polarity D/A converter" same current) and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:27
S49	3	("polarity D/A converter" same current) and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:28
S50	262	((("polarity or negative) near3 (DAC or "D/A converter")) same current) and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:31
S51	244	((("polarity or negative) near3 (DAC or "D/A converter")) same current) and current and digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:38

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S52	41	((polarity or negative) near3 (DAC or "D/A converter")) same current) and current and digital and (sampl\$3 near3 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:42
S53	138	((polarity or negative) with (DAC or "D/A converter")) same current) and current and digital and (sampl\$3 with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:44
S54	15	((polarity or negative) with (DAC or "D/A converter")) same current) and current and digital and (sampl\$3 with current) and display.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:05
S55	19	((polarity or negative) with (DAC or "D/A converter")) same current) and current and digital and (sampl\$3 with current) and driving.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:38
S56	0	S51 and pattern and pol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:39
S57	65	I1-I11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:39
S58	42	I1-I15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:39
S59	34	S53 and pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:40



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S60	18	345/96.ccls. and pol and pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:53
S61	1	345/96.ccls. and "current holding"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:55
S62	6	"345"/\$.ccls. and "current holding circuit"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 17:56
S63	9	"345"/\$.ccls. and "current sampling circuit"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 18:00
S64	177	"345"/\$.ccls. and pol and pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 18:00
S65	44	"345"/60-100.ccls. and (digital with current with data) and "data driver" and ((sample or sampling) with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 14:57
S66	45	"345"/60-100.ccls. and (digital with current with data) and "data driver" and ((sample or sampling) with circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 14:52
S67	9	S66 not S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 14:52

## EAST Search History

S68	238	"345"/60-83.ccls. and ((sample or sampling) with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 15:04
S69	1	"20060267898".pn. and (current and (sample or sampling))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 15:33
S70	30	(store near3 voltage) and (current near3 (sample or sampling)) and 345/60-83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 16:07
S71	15	"pixel driving voltage" and 345/60-83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 16:10
S72	32	"current voltage conversion" and 345/60-83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:46